STANDARDS CHANGES CATALOG (SCC)

SCC NUMBER: SCC #123

CHANGE PROPOSAL TITLE: MIL-STD-2045-47001C, Message precedence code for the
                                                CRITIC precedence

ORIGINATOR and ADDRESS: Commanding Officer
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ORIGINATOR'S INTERNAL NUMBER:
AFFECTED DOCUMENT: MIL-STD-2045-47001C

PRECEDENCE: Routine

RECOMMENDATIONS:

ALLIED COORDINATION: None

RECORD OF PROCESSING
DATE: ACTION:

26 Feb 02   Proposal
14 May 02   Work Item
07 Aug 02   R1

24 Sep 02   Draft

24 Sep 02   Approved

1. <u>STATEMENT OF THE PROBLEM</u>: MIL-STD-2045-47001C does not presently have a precedence reserved for 'CRITIC' messages. CRITIC precedence messages are the Intelligence community's equivalent of ECP and, because of their time-sensitive nature, must pre-empt all lower precedence message traffic (Flash and below). Although the usage is low for these types of messages, the priority is high. The IP precedence field has one code for ECP/CRITIC, but in the header we need separate code for the ECP messages and CRITIC messages since ECP messages flow from National level to lower echelons and CRITIC messages flow from lower echelons to National level.

2. <u>PROBLEM ANALYSIS</u>: During internal review of the MIL-STD-47001C, Mr. David Green (MCTSSA, SA&E Branch) found that there is no code assigned to CRITIC precedence messages.

3. <u>PROPOSED SOLUTION</u>:

A. Page 22 Table VII – Message precedence codes. Recommend the below entry be included in Table VII, Message Precedence Codes.

Precedence	Code MSB-LSB	Explanation
CRITIC	011 (3)	Reserved for certain designated units that use the DOI-103 message format <u>to communicate with National Command Level</u> and then only for certain messages satisfying CRITIC criteria. These messages shall be processed ahead <u>of all other</u> ~~of all other~~ traffic and interrupt lower precedence traffic.

B. Condition Statement. Recommend the below condition statement to implement the CRITIC precedence be incorporated into paragraph 5.7.2.2. Page 32.

Condition X: IF the <u>User Message Format (UMF) field is set to "6" (DOI-103), THEN the</u> Message Precedence is "3" (CRITIC)<u>.</u>~~,~~ ~~THEN User Message Format (UMF) F~~<u>f</u>~~ield shall be set to binary "6" (DOI-103), AND Security Classification F~~<u>f</u>~~ield shall be set to values greater than "0" (UNCLASSIFIED) or equal (>=) to binary "1" (Confidential), AND GPI for Message Identification Group (G4) shall be set to "0"~~<u>zero. (Not Present)</u>

IF   <u>UMF is set to "6" (DOI-103),</u>~~Message Precedence is set to "3" (CRITIC)~~

THEN   <u>Message Precedence is set to "3" (CRITIC)</u>~~User Message Field~~<u>UMF</u>~~ shall be set to binary "6" (DOI-103),~~

~~AND~~   ~~Security Classification Field shall be greater than or equal (>=) to binary "1"~~<u>set to "1" (Confidential),</u>

~~OR~~   ~~Security Classification shall be set to "2" (Secret)~~

~~OR~~   ~~Security Classification shall be set to "3" (Top Secret)~~

AND   GPI for ~~Message Identification~~ Group (G4) [Message Identification Group] ~~shall be set to zero,~~"0" (Not Present)

ENDIF

C. In the DSPICS, add a row in Table XXV page 105 with the following text.

4.2.X	CONDITION X	5.7.2.2.X	O M	Yes __ __	
	IF UMF is specified "6" (DOI-103), ~~Message Precedence is specified "3" (CRITIC)~~ THEN Message Precedence is specified "3" (CRITIC) ~~UMF is specified "6" (DOI-103),~~ ~~AND Security Classification is specified "1" (Confidential)~~ ~~OR Security Classification is specified "2" (Secret)~~ ~~OR Security Classification is specified "3" (Top Secret)~~ ~~AND GPI for G4 [Message Identification Group] is specified "0" (Not Present)~~ ENDIF			No __ __	

4.   ALTERNATIVE SOLUTIONS: None.

5.   SYSTEM CHANGES REQUIRED: None.

6.   CONFIGURATION ITEM DOCUMENTATION CHANGES: MIL-STD-2045-47001

7.   IMPACT ON INTEROPERABILITY: None.

8.   IMPACT ON RELATED DOCUMENTS: None.

9.   IMPLEMENTATION DATES: TBD.

10.   OTHER CONSIDERATIONS: None.

11.   REFERENCES: None.

12.   TRS ADDRESSED IN THIS ICP: None.